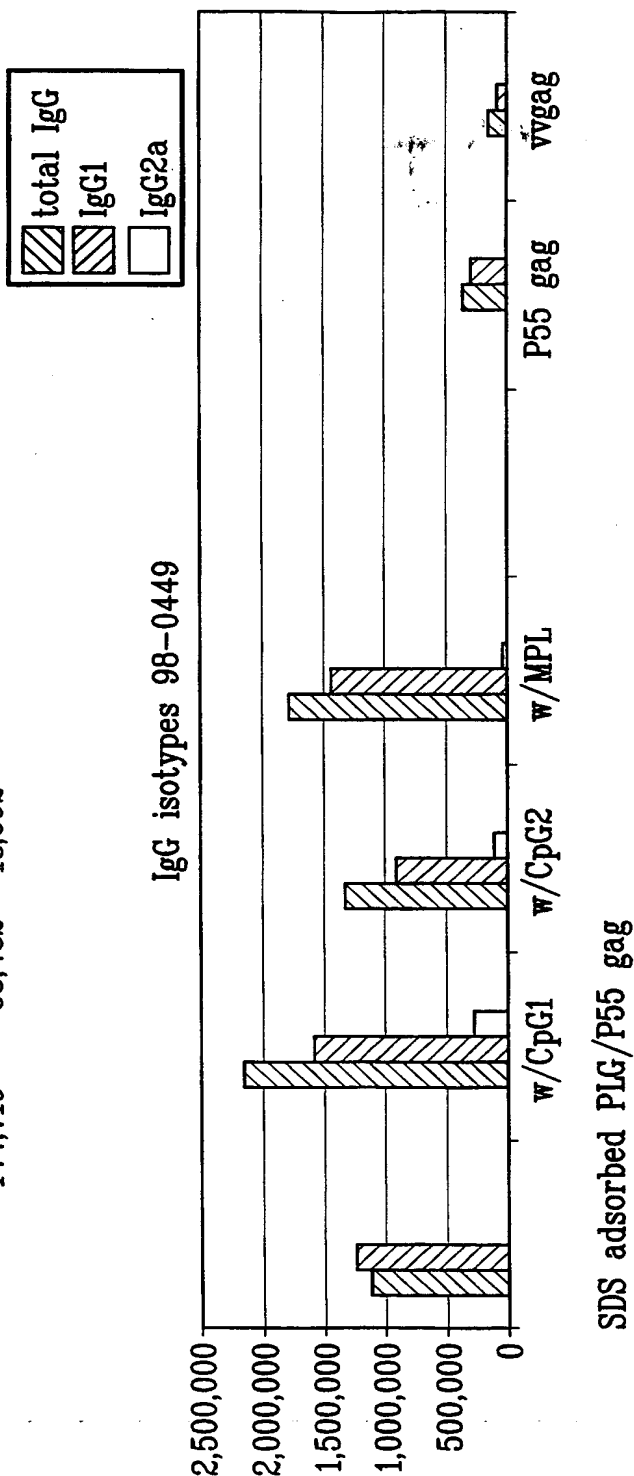


FIG. 1

groups	total IgG	IgG1	IgG2a
	1,156,670	1,213,515	12,337
w/CpG1	2,177,293	1,619,452	236,174
w/CpG2	1,300,018	914,905	84,834
w/MPL	1,775,948	1,441,437	32,065

P55 gag	281,840	254,977	13,562
vvgag	144,719	65,432	13,692



98-0450 groups	Total IgG	IgG1	IgG2a	IgG1/total	IgG2a/total
w/CpG1	1627784.5	2033181	29038	125	2
w/CpG2	1684281.5	388655	213144	23	13
w/MPL	1119387.5	1031058	42307	92	4
	1289791	864920	81712		
	365908.5	366661	9236	100	3
w/CpG1	1023830.5	230807	137205	23	13
w/CpG2	111442.5	75773	7029	68	6
w/MPL	426249.5	367840	14166	86	3

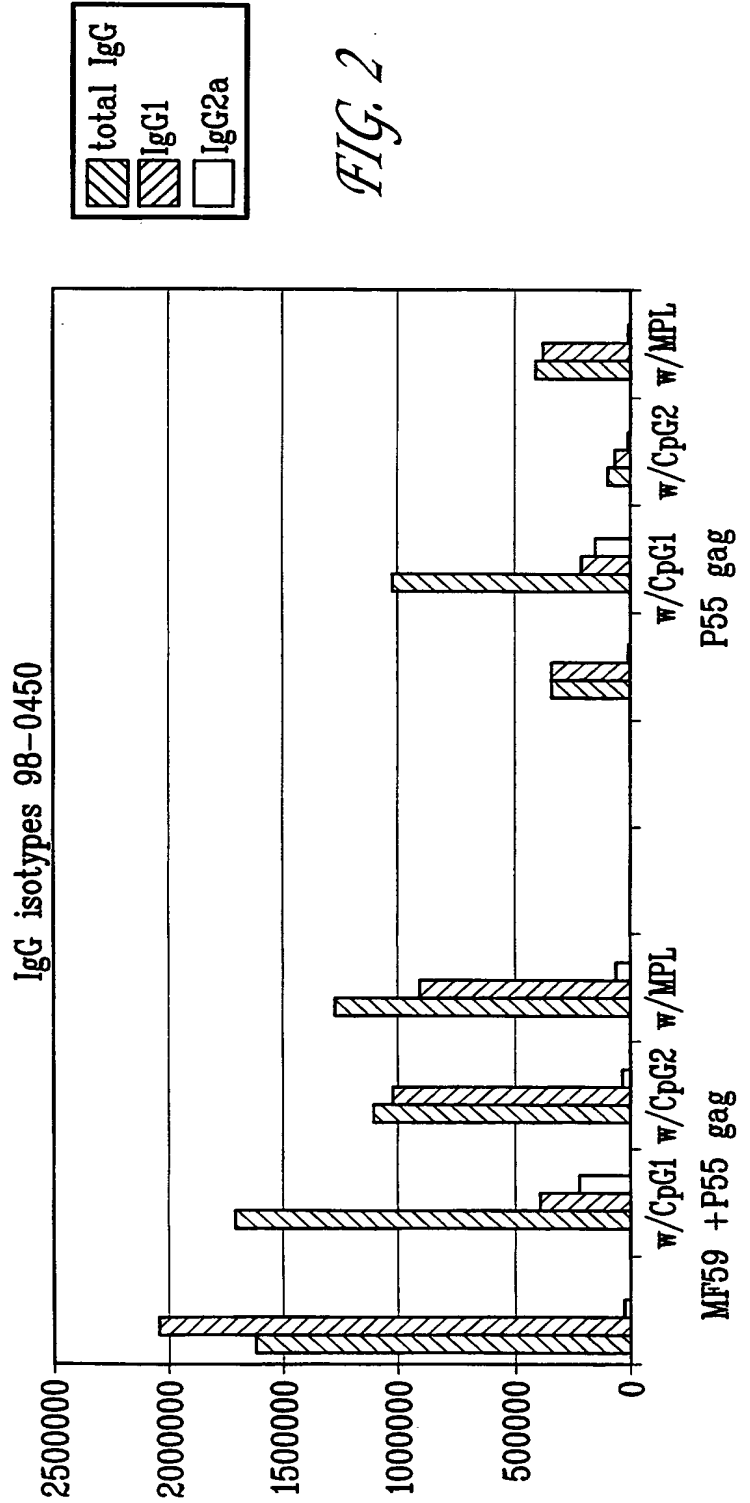


FIG. 2

3/4

Serum IgG
3wp2 - 7/27/99

Group	Adjuvant	Adjuvant dose	Antigen name & dose	Route	Plate 1	Plate 2	Average	Dilution	Titer
1	MF59/Dotap 80/CPG1	25 ul MF59-50 ug CPG	P55 gag protein 25 ug	IM TA	968	854	911	100	91100
2	MF59/Dotap 160/CPG1	25 ul MF59-50 ug CPG	P55 gag protein 25 ug	IM TA	1201	914	1058	100	105750
3	MF59/Dotap	25 ul MF59	P55 gag protein 25 ug	IM TA	408	387	398	100	39750
4	MF59-0	25 ul MF59	P55 gag protein 25 ug	IM TA	110	107	109	100	10850
5	MF59 + CPG1	25 ul MF59-50 ug CPG	P55 gag protein 25 ug	IM TA	569	453	511	100	51100
6	DOTAP	-	P55 gag protein 25 ug	IM TA	25	26	26	100	2550
7	CPG1	50 ug	P55 gag protein 25 ug	IM TA	25	24	25	100	2450
8	CPG + DOTAP	-	P55 gag protein 25 ug	IM TA	52	50	51	100	5100
9	No Adjuvant	-	vvgag pol 1x10 ⁷	IP	7	7	7	100	700

FIG. 3

4/4
p55 protein with MF59/DOTAP/CPG Formulations

FIG. 4

GROUP Antigen Adjuvant Route	TARGET RATIO	Relevant	
		SvB p7g	SvB gagB
1 MF59/Dotap 80/CPG1 p55 protein (25 ug) IM TA %Spon. Release	60 15 4	30 11 2 12	-2 -2 -2 11
2 MF59/Dotap 160/CPG1 p55 protein (25 ug) IM TA	60 15 4	49 21 6	4 1 0
3 MF59/Dotap p55 protein (25 ug) IM TA	60 15 4	23 7 5	2 0 0
4 MF59-0 p55 protein (25 ug) IM TA	60 15 4	13 2 -1	1 0 -2
5 MF59 + CPG1 p55 protein (25 ug) IM TA	60 15 4	15 4 0	0 0 0
6 DOTAP p55 protein (25 ug) IM TA	60 15 4	46 15 3	4 0 -1
7 CPG1 p55 protein IM TA	60 15 4	23 7 0	-2 -2 -2
8 CPG+ DOTAP p55 protein (25 ug) IM TA	60 15 4	28 11 4	1 0 -1
9 vv-gag-pol 2x10 ⁷ pfu IP	60 15 4	70 31 19	1 -1 -1